

Figure 1

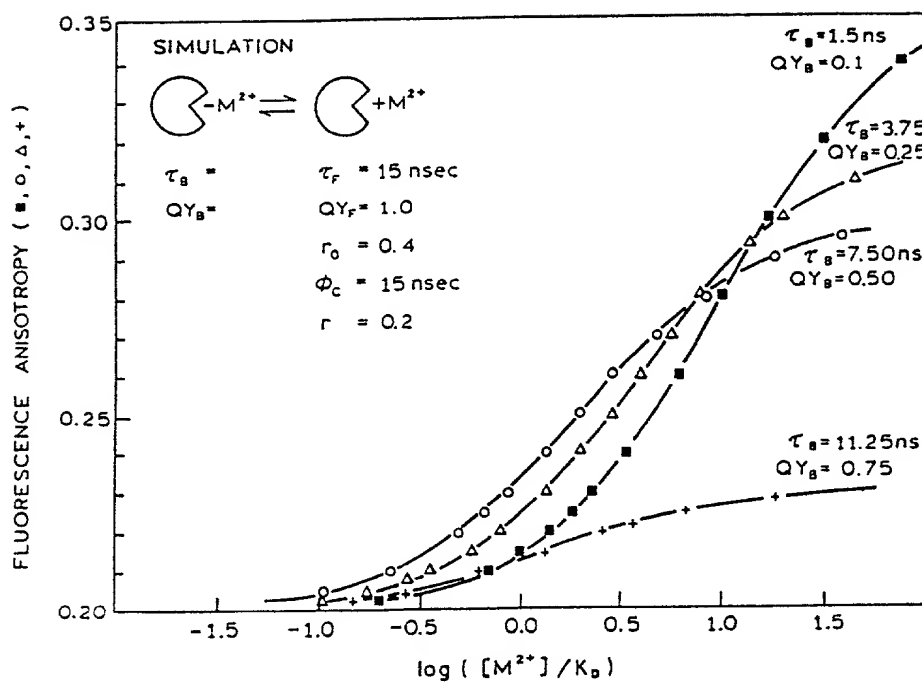


Figure 2

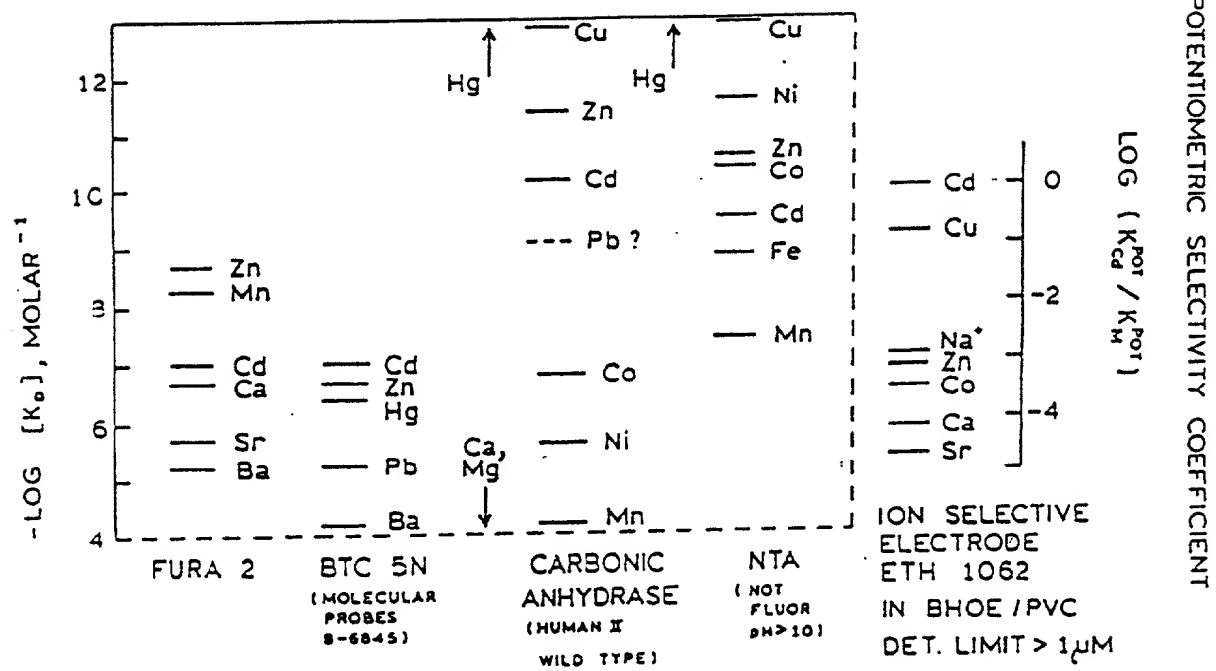
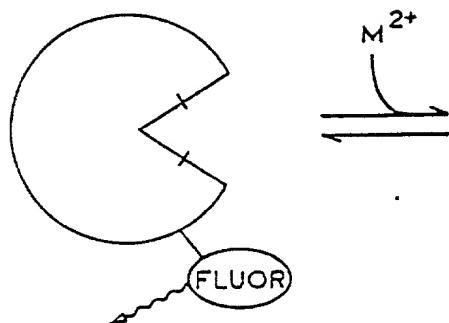


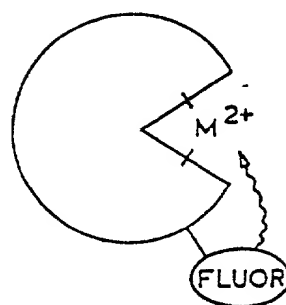
Figure 3

apo-CARBONIC ANHYDRASE



NO  $M^{2+}$  BOUND  
NO ENERGY TRANSFER  
QUENCHING  
 $\tau = \tau_0$

"HOLO"-CARBONIC ANHYDRASE



$M^{2+} = Co^{2+}, Cu^{2+}, Ni^{2+}$

$M^{2+}$  BOUND TIGHTLY,  
SPECIFICALLY;  
ENERGY TRANSFER OR  
OTHER PROXIMITY QUENCHING  
 $\tau < \tau_0$

RBT C 082895

004700-00304  
101000-0024660

Figure 4

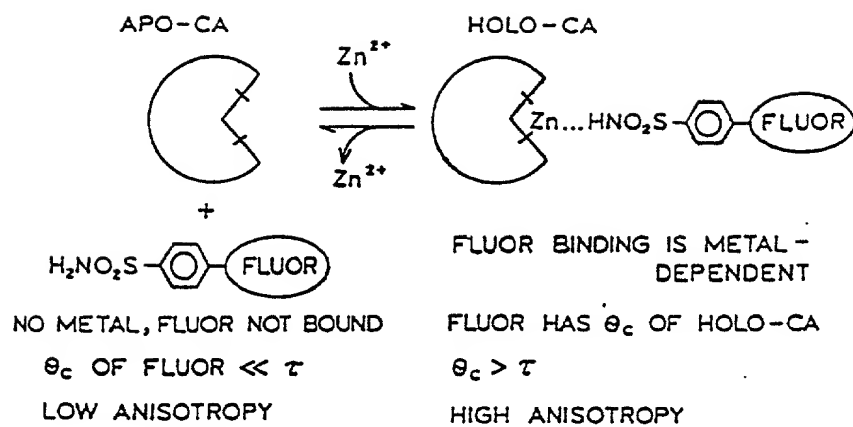


Figure 5

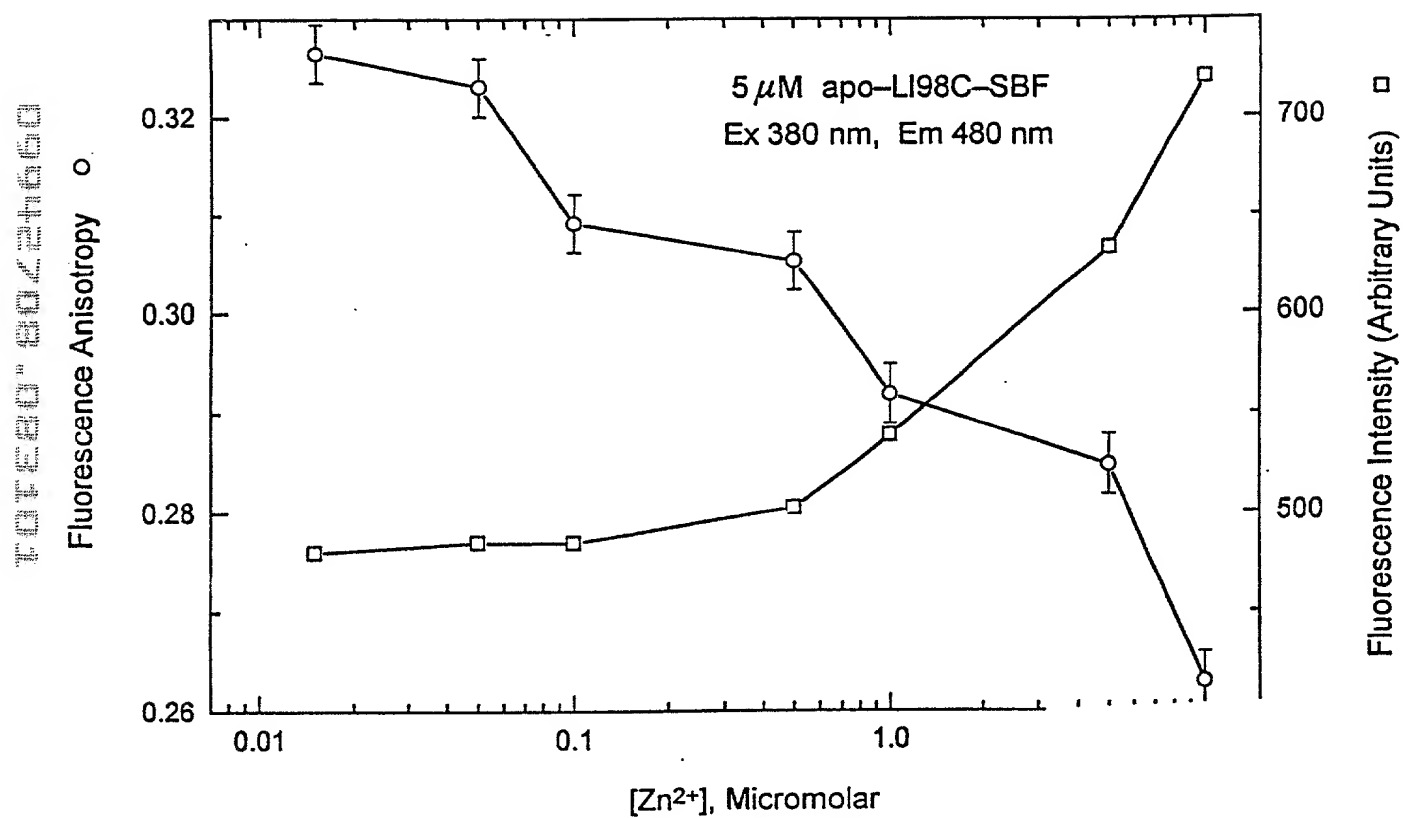


Figure 6

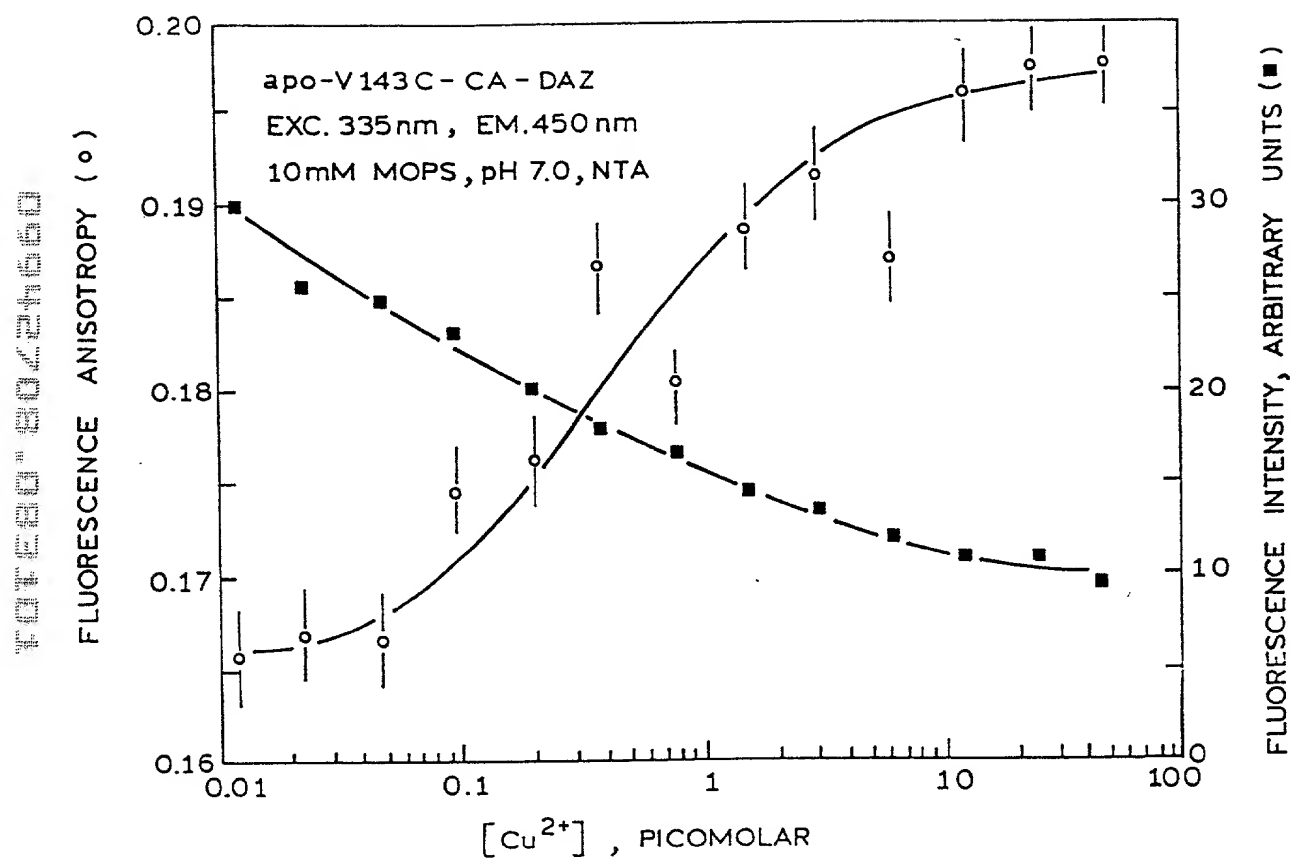


Figure 7

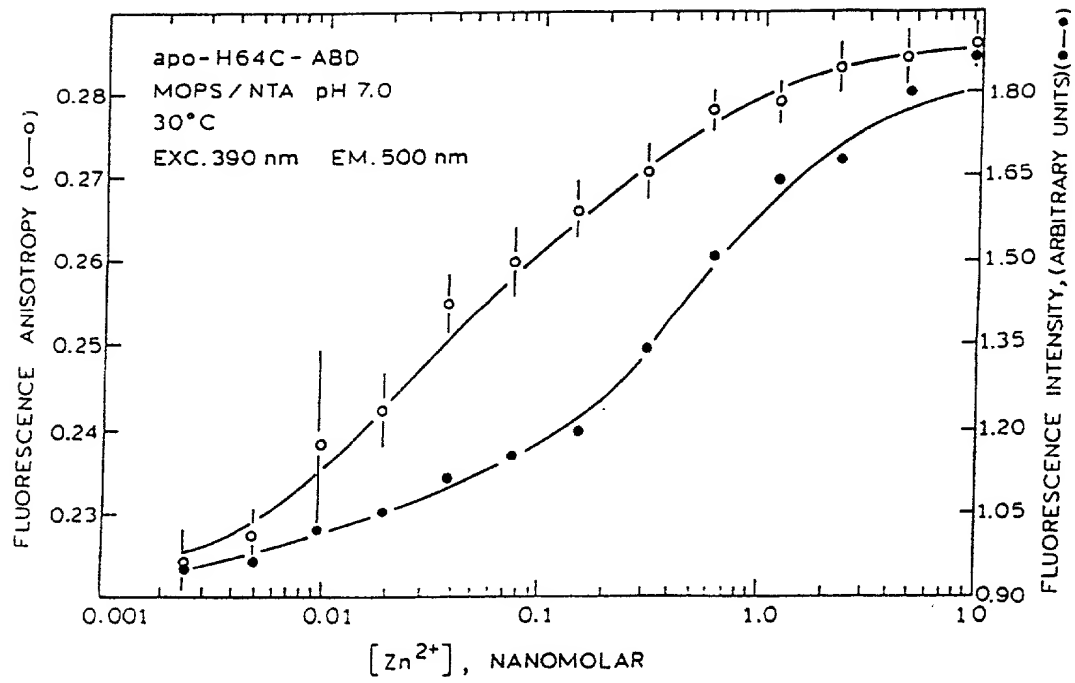


Figure 8

